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PATENT

Attorney Docket No.: 040184-000500US

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Attn: Vonda M. Wallace
Mail Stop **PCT**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: _____

Aurora Lowell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YANG, Hongyuan

Application No.: 10/564,266

Filed: January 9, 2006

For: TRIACYLGLYCEROL-
DEFICIENT FISSION YEAST AND ITS
USES

Customer No.: 20350

Confirmation No.: 8041

Examiner: To Be Assigned

Art Unit: To Be Assigned

TRANSMITTAL LETTER –
RESPONSE TO NOTIFICATION OF
MISSING REQUIREMENTS UNDER
35 U.S.C. 371 IN THE UNITED
STATES DESIGNATED/ELECTED
OFFICE (DO/EO/US)

Attn: Vonda M. Wallace
Mail Stop **PCT**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), dated May 22, 2006, enclosed are the following to be made of record in the above-identified application:

- 1) Communication Under 37 C.F.R. §§ 1.821 - 1.825 and Preliminary Amendment;
- 2) Paper copy of Substitute Sequence Listing;

- 3) Computer readable disk containing Substitute Sequence Listing;
- 4) Executed Declaration and Power of Attorney;
- 5) Information Disclosure Statement (2 references); and
- 6) Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the
United States Designated/Elected Office (DO/EO/US).

Please charge Deposit Account No. 20-1430 for the following fees:

Small Entity: (a) Missing Parts Surcharge \$65

TOTAL FEES TO BE CHARGED \$65

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in duplicate.

Respectfully submitted,



Milan M. Vinnola
Reg. No. 45,979

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 415 576-0300
MMV:arl



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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| | | |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/564,266 | Hongyuan Yang | 040184-000500US |

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|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
|-------------------------------|

PCT/SG04/00205

| | |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 07/09/2004 | 07/09/2003 |

20350
 TOWNSEND AND TOWNSEND AND CREW, LLP
 TWO EMBARCADERO CENTER
 EIGHTH FLOOR
 SAN FRANCISCO, CA 94111-3834

CONFIRMATION NO. 8041

371 FORMALITIES LETTER



OC000000018886524

Date Mailed: 05/22/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/09/2006
- Copy of the International Search Report filed on 01/09/2006
- Copy of IPE Report filed on 01/09/2006
- Preliminary Amendments filed on 01/09/2006
- Information Disclosure Statements filed on 01/09/2006
- Small Entity Statement filed on 01/09/2006
- U.S. Basic National Fees filed on 01/09/2006
- Priority Documents filed on 01/09/2006
- Specification filed on 01/09/2006
- Claims filed on 01/09/2006
- Abstracts filed on 01/09/2006
- Drawings filed on 01/09/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604

(September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

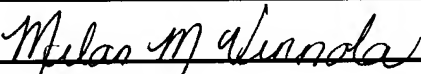
Telephone: (703) 308-9140 EXT 225

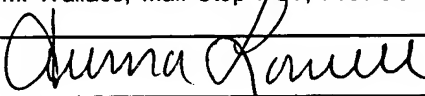
PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/564,266 | PCT/SG04/00205 | 040184-000500US |

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|--|----------------------|------------------------|-----------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | Application Number | 10/564,266 | |
| | Filing Date | January 9, 2006 | |
| | First Named Inventor | Yang, Hongyuan | |
| | Art Unit | To Be Assigned | |
| | Examiner Name | To Be Assigned | |
| Total Number of Pages in This Submission | 27 | Attorney Docket Number | 040184-000500US |

| ENCLOSURES (Check all that apply) | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard 2. Transmittal Letter - Response to Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) 3. Communication Under 37 CFR 1.821-1.825 and Preliminary Amendment 4. Paper copy of Substitute Sequence Listing 5. Computer Readable disk containing Substitute Sequence Listing 6. Declaration and Power of Attorney 7. Information Disclosure Statement (2 references) 8. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) |
| <input type="checkbox"/> Remarks | | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|--------|
| Firm Name | Townsend and Townsend and Crew LLP | | |
| Signature |  | | |
| Printed name | Milan M. Vinnola | | |
| Date | July 21, 2006 | Reg. No. | 45,979 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|--|---|------|---------------|
| Express Mail Label: EV781776241US | | | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date July 21, 2006 and is addressed to: Commissioner for Patents, Attn: Vonda M. Wallace, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Signature |  | | |
| Typed or printed name | Aurora Lowell | Date | July 21, 2006 |